



# City of Seattle Boards & Commissions Notice of Appointment

<b>Appointee Name:</b> Dave Layton		
<b>Board/Commission Name:</b> Seattle Public Utilities 2018-23 Strategic Business Plan Customer Review Panel		<b>Position Title:</b> Member
<input checked="" type="checkbox"/> Appointment OR <input type="checkbox"/> Reappointment		<b>Council Confirmation required?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Appointing Authority:</b> <input type="checkbox"/> Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>	<b>Date Appointed:</b> 9/4/2018	<b>Term of Position: *</b> 8/1/2018 to 7/31/2020
<b>Residential Neighborhood:</b> District 6	<b>Zip Code:</b>	<b>Contact Phone No.:</b> [REDACTED]
<b>Background:</b> Dave Layton is a Professor of Public Affairs at the University of Washington, where he joined the Evans School faculty in 2001. He teaches courses in economics, econometrics, and statistics. His areas of specialization include discrete choice econometrics and environmental and natural resource economics. He has published on a wide range to topics including economics and the evolution of antibiotic resistance, discounting and climate change, costs due to electrical power outages, payments for environmental service programs, and stated preference valuation methods.		
<b>Authorizing Signature (original signature):</b> 		<b>Appointing Signatory:</b> Jenny A. Durkan Mayor of Seattle


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 CITY OF SEATTLE  
 18 SEP 10 AM 11:25  
 CITY CLERK

\*Term begin and end date is fixed and tied to the position and not appointment date or appointee.  
August 30, 2016

**Curriculum Vitae  
December 2015**

**David F. Layton**

Daniel J. Evans School of Public Policy and Governance  
University of Washington



**Education**

- Ph.D. Economics, University of Washington, June 1995.  
Dissertation: "Specifying and Testing Econometric Models for Stated Preference Surveys".  
M.A. Economics, University of Washington, 1993.  
B.A. Economics, University of Virginia, 1989.

**Academic Employment**

Daniel J. Evans School of Public Policy and Governance, University of Washington  
(Adjunct in Economics)

Professor (9/08-)  
Associate Professor (9/03 -9/08)  
Assistant Professor (9/01 - 9/03)

Department of Environmental Science and Policy, University of California, Davis  
Assistant Professor (7/96 – 9/01)  
Member, Graduate Group in Ecology (7/96 – 9/01)  
Member, Graduate Group in Statistics (9/97 – 9/01)  
Center for Conservation Biology, Stanford University  
Post-Doctoral Fellow (9/95 – 7/96)

Institute of Transport and Logistics Studies, Faculty of Economics and Business, University of  
Sydney, Sydney, Australia  
Visiting Professor (9/07 – 6/08)

**Journal Articles**

- "Conservation Values in Marine Ecosystem-Based Management", J.Sanchirico, D. Lew, A. Haynie  
, and D. Kling, *Marine Policy* 38, 2012, pp. 523-530.  
"Where Is My Bus? Impact Of Mobile Real-Time Information On The Perceived And Actual  
Wait Time Of Transit Riders", with K. Watkins, B. Ferris, A. Borning, G.S. Rutherford.  
*Transportation Research Part A*, 45, 2011, pp. 839-848.  
"Valuing Enhancements to Endangered Species Protection under Alternative Baseline Futures: The  
Case of the Steller Sea Lion", with D.K. Lew and R.D. Rowe. *Marine Resource Economics*,  
25(2), 2010, pp. 133-154.  
"Parameter Transfer of Common-Metric Attributes in Choice Analysis and Cognitive  
Rationalisation: Implications for Willingness to Pay", with D. Hensher. *Transportation*,  
37(3), 2010, 473-490.  
"An Expected Profit Model for Monetizing Fishing Location Choices", with A. Haynie. *Journal of  
Environmental Economics and Management*, 59(2), 2010, pp. 165-176.

- “Aggregation of Common-Metric Attributes in Preference Revelation in Choice Experiments and Implications for Willingness to Pay”, with David Hensher. *Transportation Research D*, 15(7), 2010, pp.394-404.
- “Payments for Ecosystem Services Programs: Predicting Landowner Enrollment and Opportunity Cost Using a Beta-Binomial Model”, with J. Siikamaki. *Environmental and Resource Economics*, 44(3), 2009, pp. 415-439.
- “Potential Cost-Effectiveness Of Incentive Payment Programs For The Protection of Non-Industrial Private Forests”, with J. Siikamaki. *Land Economics* 83(4), 2007, pp. 539-560.
- “Discrete Choice Survey Experiments: A Comparison Using Flexible Methods” with J. Siikamaki, *Journal of Environmental Economics and Management* 53, 2007, pp. 122-139.
- “Embracing Model Uncertainty: Strategies for Response Pooling and Model Averaging”, with S.T. Lee. *Environmental and Resource Economics* 34 (May), 2006, pp. 51-85.
- “Decision Strategy and Structure in Households: A “Groups” Perspective”, with W. Adamowicz, M. Hanemann, J. Swait, R. Johnson, R. Sorkin, T. Reimer, and M. Regenwetter. *Marketing Letters*, 16(3-4, December), 2005, pp. 387-399.
- “Policy Implementation and the Environmental Protection Agency: What Factors Influence Remediation at Superfund Sites?”, with D. Daley. *The Policy Studies Journal*, Vol. 32(3), 2004, pp. 375-392.
- “Revealing Preferences for Leisure Time from Stated Preference Data”. with D. Larson and S. Shaikh. *American Journal of Agricultural Economics*, Vol. 86(2), 2004, pp. 307-320.
- “How Much Does the Far Future Matter? A Hierarchical Bayesian Analysis of the Public’s Willingness to Mitigate Ecological Impacts of Climate Change”, with R. Levine. *Journal of the American Statistical Association*, Vol. 98(463), 2003, pp. 533-544.
- “Context Dependence and Aggregation in Disaggregate Choice Analysis”, with J. Swait, W. Adamowicz, M. Hanemann, A. Diederich, J. Krosnick, W. Provencher, D. Schkade, R. Tourangeau. *Marketing Letters*, Vol. 13(3), 2002, pp. 193-203.
- “A Censored Random Coefficients Model for Pooled Survey Data with Application to the Estimation of Power Outage Costs”, with K. Moeltner. *The Review of Economics and Statistics*, Vol. 84(3), August 2002, pp. 552-561.
- “Alternative Approaches for Modeling Concave Willingness to Pay Functions in Conjoint Valuation”. *American Journal of Agricultural Economics*, Vol. 83(5), 2001, pp. 1314-1320.
- “Heterogeneous Preferences Regarding Global Climate Change”, with G. Brown. *The Review of Economics and Statistics*, Vol. 82(4), November 2000, pp. 616-624.
- “Random Coefficient Models for Stated Preference Surveys”, *Journal of Environmental Economics and Management*, Vol. 40, July 2000, pp. 21-36.
- “Resistance Economics: Social Cost and the Evolution of Antibiotic Resistance”, with G. Brown. *Environment and Development Economics*, Vol. 1(3), July 1996, pp. 349-355.

### **Books**

- Handbook On The Economics of Natural Resources*, Robert Halvorsen and David Layton, Editors, Edward Elgar Publishing Ltd, Cheltenham, UK. 2015
- Explorations in Environmental and Natural Resource Economics: Essays in Honor of Gardner Brown, Jr.*, edited with R. Halvorsen, Edward Elgar Publishing Ltd, Cheltenham, UK, 2006.

### **Book Chapters**

- “From Ratings to Rankings: The Econometric Analysis of Stated Preference Ratings Data”, with S. T. Lee. Forthcoming in *Explorations in Environmental and Natural Resource Economics: Essays in Honor of Gardner Brown, Jr.*, Halvorsen, R. and D.F. Layton, Eds, Edward Elgar Publishing Ltd, Cheltenham, UK, 2006.

- “Optimal Conservation: Estimating Marginal Costs and Benefits of Protecting Endangered Habitat in Finland”, 2006 Cost-Benefit Analysis Conference, Seattle, WA, May 2006.
- “University of Colorado Choice Symposium”, Estes Park, CO, June 2004.
- Organized and presented (with D. Huppert, and A. Haynie) the UW/NMFS workshop on “Spatial Fishing Models: Application to Bering Sea Pollock and Cod Trawling”. Seattle, WA, June 2003.
- “From Ratings to Rankings: The Econometric Analysis of Stated Preference Ratings Data”, at “Frontiers in Natural Resource and Environmental Economics, a Conference in Honor of Gardner M. Brown, Jr.”, Seattle, WA, April 2003.
- “Families of Discrete Choice Models for Analyzing Spatial Fishing Behavior”, CU Environmental and Resource Economics Workshop 2002, Boulder, Colorado, July 2002.
- “UC Berkeley Choice Symposium”, Asilomar, CA, June 2001.
- “Estimating Total Damages Resulting from Injury to the Hudson River Environment Due to PCBs.” Presentation to the Trustees, Washington, D.C., March 2000.
- “Valuing Rural Landscape Amenities”, USDA and the Farm Foundation, Washington, D.C., November 1998.
- “Workshop on Cooperative Regional Wildlife Management in Southern Africa”, Davis, California, August 1998.
- “Global Climate Change and International Environmental Valuation”, at the World Congress of Environmental and Resource Economists in Venice Italy, June 1998.
- “Applications of Stated Preference Methods to a Public Good”, presented at the National Oceanic and Atmospheric Administration’s workshop on “Applications of Stated Preference Methods to Resource Compensation” held in Washington, DC, June 1998.
- “The Economic Valuation of Ecosystems: the Ideal, the Reality, and the Possibilities”, presented at the Oregon State University Biology colloquium “Ecosystems, Society, and Environmental Change”, Corvallis Oregon, April 1998.
- “Global Climate Change”, WEA International Conference, Seattle, WA, July 1997.
- “Saving Rhinos”, AERE workshop on the Economic Analysis of Ecosystems, June 1997.
- “Landowner Incentives to Preserve Species and Their Habitat”, at “Endangered Species in California: Evolving Regulations and Emerging Trends”, Sacramento, CA, May 1997.
- “Multinomial Probit Models for Stated Preference Surveys”, presented at the AERE workshop on Combining Stated Preference Data and Revealed Preference Data to Estimate the Demand for and Benefits from Environmental Amenities, June 1996.

#### Invited Course Lectures

- “Multinomial Choice Methods and Non-Market Valuation”, University of Goteborg, Goteborg, Sweden, October 2002.
- “Stated Preference Methods”, University of Goteborg, Goteborg, Sweden, November 2000.
- “The Analysis of Stated Preference Ratings and Ranking Data”, University of Goteborg, Goteborg, Sweden, November 1998.

#### **Courses Taught**

##### University of Washington

- Public Utilities Economics and Policy (Public Affairs, graduate)
- Discrete Choice Analysis (Public Policy and Management, graduate)
- Environmental Economics (Economics, graduate)
- Advanced Microeconomics for Policy Analysis (Public Policy and Management, graduate)
- Microeconomics of Policy Analysis (Public Affairs, graduate)
- Microeconomics of Individual and Organizational Choice (Public Affairs, graduate)
- Economic Approaches to Environmental Management (Public Affairs, graduate)
- Environmental Policy Processes (Public Affairs, graduate)

Quantitative Analysis I (Public Affairs, graduate)  
Quantitative Analysis II (Public Affairs, graduate)  
Economics, Policy, and the 2008 Financial Bailout (Public Affairs, graduate)  
University of California, Davis  
Topics in Applied Econometrics (Economics and Ag. and Resource Economics Depts., graduate)  
Conservation Biology Policy (Environmental Science and Policy, undergraduate)  
Public Lands Management (Environmental Science and Policy, undergraduate)  
Applied Research Methods (Environmental Science and Policy, undergraduate)  
Inference Problems with Non-Experimental Data (Ecology, graduate seminar)  
Economics and Conservation Policy (Ecology, graduate seminar)

**Dissertation Committees** (completed)

University of Washington

Barbara Best, Alan Haynie, Leif Anderson, Nina Jones, Liming Wang, David Hsu, Kari Watkins, Lily Hsueh, Nora Konnyu, Danny Brent, Andrew Scheld.

University of California, Davis

Agricultural and Resource Economics: Mark Evans, Daniel Lew, Sabina Shaikh, Martin Smith, Micki Stewart. Economics: Noah Yong E. Kim. Environmental Policy Analysis: Dorothy Daley, William Leach, Caroline Rodier, Juha Siikamaki.

University of Goteborg, Goteborg, Sweden

Discussant for Ping Qin

**University Service**

Graduate Program Coordinator, Evans School (September 2006- June 2007)

Director of Graduate Studies, Evans School, (July 2004-September 2006)

Committee Chair:

At University of Washington

Policy Analysis Search (2010-2011)

Tenure Review Committee (2008, 2011, 2012)

Faculty Council (2005-2006)

Admissions Policy Task Force (2004)

Evans Leadership Award (2004-2006)

Curriculum (2005-7, 2013-2014)

At University of California, Davis

Admissions, (1996- 2001).

Committee Member:

At University of Washington

Ph.D. Committee (2012-2014)

College of Built Environments Dean Search (2013)

Faculty Affairs Committee (2010-2011, 2014-2015)

Faculty Council (2008-2010).

Undergraduate Major Exploratory committee (2014-2015)

Reappointment Committee (2009, 2015)

Evans School of Public Affairs Dean Review (2008-2009)

College of Ocean and Fisheries Science Dean Review (2006-2007)

Economics Depart. Environmental / Natural Resource Economist Search (2006-2007)

College of Forest Resources Natural Resource Economist Search (2006-2007)

Faculty Affairs (2005-2006)

Executive MPA Steering (2003-2004)

Faculty Senate, Evans School representative (2002-2005)

Evans School Centers (2002-2003)

Curriculum (2001-2005)  
Prep Task Force (2001-2002)  
Analysis (2001-2002)  
Admissions (2003-2004)  
Conservation Biology Graduate Certificate Prog. Steering (2002-2004)  
The Gardner M. Brown Conference (2002-2003)  
At University of California, Davis  
University Library Committee, (1997-1999).  
Environmental Economist Search Committee, (1998).  
Environmental Economist Search Committee, (2000).  
Agric. & Res. Econ. / Environ. Sci. & Pol., Joint Environmental Policy Planning, (2000).  
Task Force on Computer Data Support for the Social Sciences (1998).  
Conservation Biology Sub-Committee of the Environmental Initiative (1998).

### **Professional Service**

Referee: *Journal of Applied Econometrics, Journal of Environmental Economics and Management* (25+ ms.), *Contemporary Economic Policy, Health Economics, Bioscience, The Human Dimension of Wildlife, Journal of Environmental Management, Marine Resource Economics, Economic Issues, Ecological Economics, American Journal of Agricultural Economics, Land Economics, Forest Science, Journal of Agricultural and Resource Economics, Choices, Climatic Change, Environmental and Resource Economics, Journal of Risk and Uncertainty, Journal of Policy Analysis and Management, Review of Environmental Economics and Policy*, 20+ Book Chapters.

Session Chair: Second World Congress of Environmental and Natural Resource Economists.

Discussant: Western Economics Association, Workshop on Cooperative Regional Wildlife Management in Southern Africa; European Association of Environmental and Resource Economists; W1133, Association of Public Policy and Management ; "Higher Seminar", University of Goteborg, Goteborg, Sweden; Dissertation discussant, University of Goteborg, Goteborg, Sweden; Dissertation Examiner, Australian National University.

Grant Reviewer: CALFED Bay-Delta Program; Royalty Research Fund (UW); NSF.

Other: Member of Customer Review Panel for the Seattle Public Utilities Strategic Business Plan; Reviewer of draft economic analysis of critical habitat designation for the polar bear; Peer reviewer for two natural resource damage assessment cases; Peer reviewer for study on the value of improved weather forecasts; Internal reviewer for study of the benefits of natural hazards mitigation, review of USDA W1133 project, reviewer for AAEA conference selections.

# Seattle Public Utilities 2018-2023 Strategic Plan Update Customer Review Panel

11 Members: Pursuant to Res 31825, all members subject to City Council confirmation, 3-year terms:

- 5 City Council-appointed
- 6 Mayor-appointed
- # Other Appointing Authority-appointed (specify):

**Roster:**

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
6	F	7	1.	Member	Jessa Timmer	8/1/18	7/31/2020	1	Mayor
	M		2.	Member	Kyle Stetler	8/1/18	7/31/2020	1	Council
6	M	4	3.	Member	Dave Layton	8/1/18	7/31/2020	1	Mayor
	F		4.	Member	Suzanne Burke	8/1/18	7/31/2020	1	Council
	F		5.	Member	Maria McDaniel	8/1/18	7/31/2020	1	Mayor
	F		6.	Member	Laura Lippman	8/1/18	7/31/2021	1	Council
6	M	7	7.	Member	Bobby Coleman	8/1/18	7/31/2021	1	Mayor
	M		8.	Member	Noel Miller	8/1/18	7/31/2021	1	Council
	F	6	9.	Member	Puja Shaw	8/1/18	7/31/2021	1	Mayor
	F		10.	Member	Thy Pham	8/1/18	7/31/2021	1	Council
6	M	N/A	11.	Member	Rodney Schauf	8/1/18	7/31/2021	1	Mayor

**SELF-IDENTIFIED DIVERSITY CHART**

	SELF-IDENTIFIED DIVERSITY CHART				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Male	Female	Transgender	NB/ O/ U	Asian	Black/ African American	Hispanic/ Latino	American Indian/ Alaska Native	Other	Caucasian/ Non-Hispanic	Pacific Islander	Middle Eastern	Multiracial
Mayor	3	3											
Council	2	3											
Other													
<b>Total</b>	<b>5</b>	<b>6</b>											

**Key:**

- \*D List the corresponding *Diversity Chart* number (1 through 9)
- \*\*G List *gender*, M= Male, F= Female, T= Transgender, NB= Non-Binary O= Other U= Unknown
- RD Residential Council District number 1 through 7 or N/A

*Diversity information is self-identified and is voluntary.*